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NOTICE OF ALLOWANCE AND FEE(S) DUE

22850 7590 11/17/2009

EXAMINER JONES, MELVIN

1940 DUKE STREET

PAPER NUMBER ARTHNIT

3744 DATE MAILED: 11/17/2009

OBLON, SPIVAK, MCCLELLAND MAJER & NEUSTADT, L.L.P. ALEXANDRIA, VA 22314

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/531,705 09/29/2005 Koichiro Take 270486US990PCT

TITLE OF INVENTION: REFRIGERATION SYSTEM, COMPRESSING AND HEAT-RELEASING APPARATUS AND HEAT-RELEASING DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/17/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correcte maintenance fee notificat	correspondence includir d below or directed oth	or trans ig the P ierwise	mitting the ISSU atent, advance or in Block 1, by (a	ders and notification specifying a new of	of n	naintenance fees w pondence address;	ill be and/or	mailed to the current (b) indicating a sepa	nould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use Bi	ock 1 for a	uny change of address)		Note Fee(pape have	e: A certificate of s) Transmittal. Thi rs. Each additiona its own certificate	mailing is certif I paper of mai	can only be used fo icate cannot be used fo , such as an assignment ling or transmission.	r domestic mailings of the or any other accompanying nt or formal drawing, must
OBLON, SPIV 1940 DUKE STE ALEXANDRIA,	7590 11/17 AK, MCCLELLA REET , VA 22314		MAIER & NI	EUSTADT, L.L		_			nission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
									(Depositor's name)
									(Signature)
					ᆫ				(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/531,705	09/29/2005			Koichiro Take		270486US990РСТ			1533
TITLE OF INVENTION:									
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nonprovisional	NO		\$1510	\$300		\$0		\$1810	02/17/2010
EXAM	INER		ART UNIT	CLASS-SUBCLASS	3				
JONES, MELVIN		3744		062-498000					
"Fee Address" indi PTO/SB/47; Rev 03-0; Number is required. 3. ASSIGNEE NAME AT	ondence address (or Cha //122) attached. cation (or "Fee Address 2 or more recent) attach ND RESIDENCE DATA ess an assignee is ident n in 37 CFR 3.11. Comp	nge of C "Indicated, Use	Correspondence tion form of a Customer E PRINTED ON T	or agents OR, alter (2) the name of a registered attorney 2 registered patent listed, no name wi	ip to mativ single or a attor II be or typ he pa	3 registered paten rely, e firm (having as a sgent) and the nam meys or agents. If printed. ee) stent. If an assign assignment.	memb es of up no nam	er a 2o to e is 3	ocument has been filed for
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Advance Order - #	o small entity discount p		d)	A check is enclosed Payment by credit	ed. it can	d. Form PTO-2038	is atta	equired fee(s), any det	
	SMALL ENTITY state	is. See 3	7 CFR 1.27.					TITY status. Sec 37 CF	
NOTE: The Issue Fee and interest as shown by the r	I Publication Fee (if req ecords of the United Sta	uired) w tes Pate	rill not be accepted nt and Trademark	d from anyone other to Office.	han t	he applicant; a regi	stered a	ittorney or agent; or th	e assignee or other party in
Authorized Signature						Date			
Typed or printed name						Registration N			
This collection of informa an application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this but irginia 22313-1450. DC 13-1450.	FR 1.31 U.S.C. USPTO rden, sh O NOT S	11. The informatic 122 and 37 CFR D. Time will vary ould be sent to the SEND FEES OR O	on is required to obtain 1.14. This collection i depending upon the e Chief Information C OMPLETED FORM	or r is est indiv Office IS TO	etain a benefit by t imated to take 12 i idual case. Any co r, U.S. Patent and D'THIS ADDRESS	he publ minutes mment Traden i. SENI	ic which is to file (and to complete, includin s on the amount of tir ark Office, U.S. Depa D TO: Commissioner I	by the USPTO to process) g gathering, preparing, and ne you require to complete utment of Commerce, P.O. for Patents, P.O. Box 1450,

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10/531,705	09/29/2005	Koichiro Take	270486US990PCT	1533	
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1940 DUKE STR		ART UNIT	PAPER NUMBER		
ALEXANDRIA,	VA 22314	3744			
		DATE MAILED: 11/17/2009			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 657 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 657 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Application No. Applicant(s) 10/531,705 TAKE ET AL. Notice of Allowability Examiner Art Unit Melvin Jones 3744 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to 07/31/2009. The allowed claim(s) is/are 3,4,6-10,12-24. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) \square All b) ☐ Some* c) ☐ None of the: 1. T Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: _____. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. | Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413), Paper No./Mail Date Information Disclosure Statements (PTO/SB/08). 7. Examiner's Amendment/Comment Paper No./Mail Date 04/22/2009 ☐ Examiner's Comment Regarding Requirement for Deposit. 8. T Examiner's Statement of Reasons for Allowance of Biological Material Other .

/Melvin Jones/ Primary Examiner, Art Unit 3744